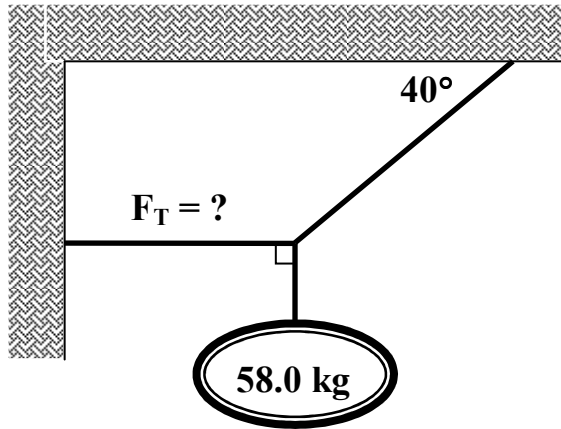
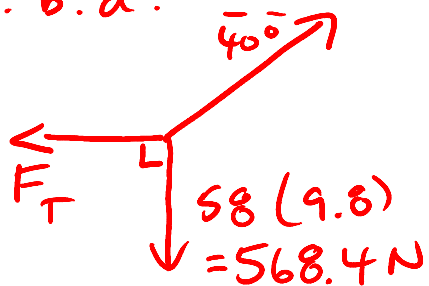


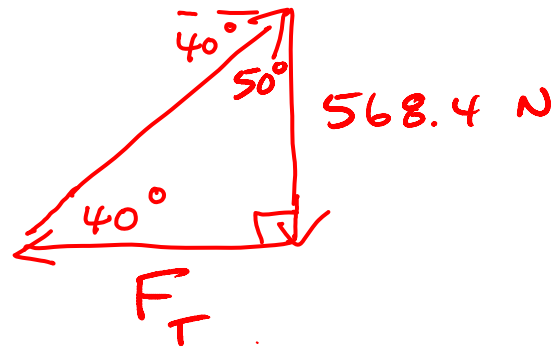
Example # 1. Find the tension  $F_T$  in the horizontal cable.



f. b. d.:



$\Rightarrow$  vector - addition:



$$\frac{F_T}{568.4} = \tan 50^\circ$$

$$F_T = 677 \text{ N}$$